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NitroGEN

The **NitroGen series 7040** are Membrane Nitrogen Generators. They are engineered to transform standard compressed air into a safe, regulated supply of Nitrogen up to 70 l/min with a purity up to 99.8%. An optional channel can provide up to 40 l/min of compressed, dry and regulated air.

This **NG series** is equipped with a scroll built-in oil less compressor with inverter technology. The exclusive electronic flow control combined with the compressor control by the inverter allows to generate Nitrogen with a higher purity using a smaller volume at less pressure of air which results in reduced energy costs and increase the life time of the compressor. Continuous control of the operating parameters of Nitrogen allows to maintain the system at its maximum efficiency.

The 7040 with it's dual Nitrogen and Air outlets has been developed to meet specific requirements in term of gas, flow, purity and pressure in LC-MS applications. It can be used for the evaporation of solvents in samples being analysed.

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Main applications

- LCMS
- Solvent evaporation
- Agilent MP AES

Main Advantages

- Compatible with all LCMS
- Dual Nitrogen and Air generator
- Low noise
- Low maintenance
- Generates nitrogen on demand
- Exclusive electronic flow control
- Ultra silent technology: 58 dB(A)
- Reliable No vibrations
- Designed to run 24 hours a day

Specifications

NG 7040	20	40	70	20.40	40.40	20.60
			N, 01	utlet		
Flow rate (Max)	20 l/min	40 l/min	70 l/min	20 l/min	40 l/min	20 l/min
Outlet pressure (Min; Max)			10 t	oars		
Nitrogen purity			Up to	99,8		
			Dry Ai	r oulet		
Flow rate (Max)		-		40 l.	/min	60 l/min
Outlet pressure (Max)		-			10 bars	
Dew point		-			< -40ºC	
			Commu	nication		
LCD with touch screen			Stan	dard		
RS485			Stan	dard		
RS232			For se	ervice		
			Genera	al data		
Power supply voltage	Single phase 220-240 Vac 50/60 Hz					
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Connection type						
Dated power (appl)			(Cable 3x			
	2.0 KW	. ,	ka (14E Kay		. ,	
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N outlot port						
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Temperature		OP			///3	
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	Flow rate (Max) Outlet pressure (Min; Max) Nitrogen purity Flow rate (Max) Outlet pressure (Max) Outlet pressure (Max) Dew point LCD with touch screen RS485 RS232 Power supply voltage	Flow rate (Max) 20 I/min Outlet pressure (Min; Max) Nitrogen purity Flow rate (Max) Outlet pressure (Max) Outlet pressure (Max) Dew point LCD with touch screen RS485 RS232 RS232 Power supply voltage 2.0 KW Noise level 58 Dimensions (W x D x H) mm 58 Dimensions (W x D x H) mm 1000000000000000000000000000000000000	Flow rate (Max) 20 I/min 40 I/min Outlet pressure (Min; Max) Nitrogen purity Flow rate (Max) - Outlet pressure (Max) - Dew point - LCD with touch screen - LCD with touch screen - RS485 - Power supply voltage Singl (10 Connection type - Rated power (peak) 2.0 KW (3.0 KW) Net weight 135 Noise level 58 dB Dimensions (W x D x H) mm - N ₂ outlet port - Drain port - Image: Temperature - Humidity (Max, non condensing) - IP rating -	Name Name Name Name Flow rate (Max) 20 I/min 40 I/min 70 I/min Outlet pressure (Min; Max) 10 I 10 I Nitrogen purity Up to Dry Ai Flow rate (Max) - 0utlet pressure (Max) - Outlet pressure (Max) - Commu LCD with touch screen Stan Stan R5485 Stan Stan R5232 For set Generation Generation Power supply voltage Single phase 220-(100-115Vac 50) Connection type Connection type Cable 3x Cable 3x Connection type Cable 3x Cable 3x Rated power (peak) 2.0 KW (3.0 KW) Net weight 135 kg (145 Kg w Noise level 58 dB Dimensions (W x D x H) mm 590 x 7' Conneet % BSPF Dry Air outlet port % " BSPF Dry Air outlet port % " BSPF Operating/ston Drain port % " BSPF Generating/ston IP rating IP rating IP	Ng outlet Flow rate (Max) 20 I/min 40 I/min 70 I/min 20 I/min Outlet pressure (Min; Max) 10 bars 10 bars Nitrogen purity Up to 99,8 Dry Air oulet Flow rate (Max) - 40 I Outlet pressure (Max) - 40 I Outlet pressure (Max) - - Dew point - - LCD with touch screen Standard Standard RS485 Standard RS232 Power supply voltage Single phase 220-240 Vac 50/6 (100-115Vac 50/60Hz option (100-115Vac 50/70Hz option (Cable 3x2.5 mm² (Cable 3x4.0 mm²) Rated power (peak) 2.0 KW (3.0 KW) 2.2 KW Net weight 135 kg (145 Kg with 100-115 Noise level 58 dB Obimensions (W x D x H) mm 590 x 710 x 740 Connections %" BSPP female Dry Air outlet port %" BSPP female Dry Air outlet port %" BSPP female Drain port %" BSPP female Drain port %" BSPP female Drain port %" BSPP femal	N, outlet Flow rate (Max) 20 I/min 40 I/min 70 I/min 20 I/min 40 I/min Outlet pressure (Min; Max) 10 bars 10 bars 10 bars Nitrogen purity Up to 99,8 Dry Air oulet 10 bars Flow rate (Max) - 40 I/min 10 bars Outlet pressure (Max) - 10 bars 10 bars Dew point - <

Gas Generators		
6920.70.20	NG 7040-20	
6920.70.40	NG 7040-40	
6920.70.70	NG 7040-70	
6920.70.21	NG 7040-20.40	
6920.70.41	NG 7040-40.40	
6920.70.22	NG 7040-20.60	
	Accessories	
6920.71.10	Module for 100-115 Vac 50/60 Hz	
6920.71.20	Electronic pressure control	
6920.71.30	Box with 2 pressure regulator	
6920.71.40	Box with 3 pressure regulator	
6920.71.50	WiFi Module	
	Consumable	
6930.00.141	Service Kit 8000H for 7040 models	

Ordering codes



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